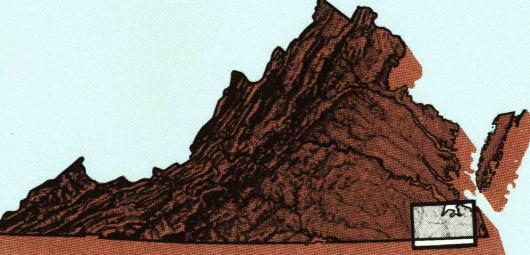


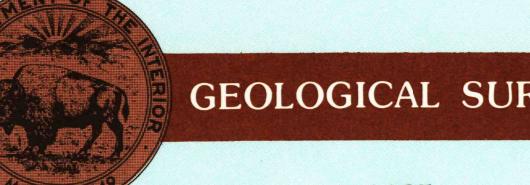
**Norfolk**

VIRGINIA - NORTH CAROLINA

1:100 000-scale metric  
topographic map

30' X 60' MINUTE QUADRANGLE SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



1985

Produced by the United States Geological Survey

Copied from USGS 1:24 000-scale topographic maps dated 1967-1980. Quadrangle revised from aerial photographs taken 1962 and other source data. Revised information not field checked. Map edited 1985.

Projection and 10 000-meter grid, zone 18: Universal Transverse Mercator. 25 000-foot grid ticks based on Virginia coordinate system, except zone 18 of North Carolina coordinate system 1927 North American Datum.

To place on the predicted North American Datum 1983 move the projection line 11 meters south and 30 meters west.

There may be private inholdings within the boundaries of the National or State reservations shown on this map.

CONTOUR INTERVAL 5 METERS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS	
Meters	Feet	MN	GN	1 2 3	4 5
1	32808				
2	65617				
4	131234				
6	196852				
8	252470				
10	308088				
To convert meters to feet multiply by 32808		160 MILES 0'54"		160 MILES 0'54"	
To convert feet to meters multiply by 0.00002986		UTM grid convergence (GN) and 1985 magnetic declination at center of map		Diagram is approximate	

FOR SALE BY U.S. GEOLOGICAL SURVEY  
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092**Topographic Map Symbols**

Primary highway, hard surface	
Secondary highway, hard surface	
Light-duty road, principal street, hard or improved surface	
Other road or street, trail	
Route marker: Interstate, U.S., State	
Railroad: standard gauge, narrow gauge	
Bridge: overpass; underpass	
Tunnel: road; railroad	
Built up area; locality elevation	
Airport; landing field; landing strip	
National boundary	
State boundary	
County boundary	
National or State reservation boundary	
Land grants	
U.S. public land survey: range, township; section	
Route, township, section line; protected	
Power transmission line; pipeline	
Dam; dam with lock	
Cemetery; building	
Windmill; water well, spring	
Mine shaft; adit or cave, mine, quarry; gravel pit	
Campground; picnic area; lava, sand	
Ruins; cliff dwelling	
Distorted surface: strip mine, lava, sand	
Contours: index; intermediate; supplementary	
Barometric contours: index; intermediate	
Stream, lake, perennial intermittent	
Rapids, large and small, falls, large and small	
Area to be submerged; marsh, large	
Land subject to controlled inundation; woodland	
Sabkha; mangrove	
Orchard, vineyard	

A pamphlet describing the symbols is available on request

USGS NMD HISTORICAL MAP

SEP 11 1989

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